

DOCKET: CU-2137

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANT: Robert Arthur LEE et al

TITLE: MICROGRAPHIC DEVICE

COMPLETION OF PCT/AU98/00821 filed 30 September 1998

The Assistant Commissioner for Patents (DO/EO/US)
Box PCT
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the application being filed herewith under 35 USC 371.

IN THE CLAIMS:

Please cancel claims 1-18 and substitute new claims 19-36 as follows:

19. A device having a surface relief structure which has a plurality of regions,

wherein the regions include grey scale regions which are too small to be separately resolvable to the human eye;

each grey scale region being one of a limited number of different grey scale region structure types,

the different grey scale region structure types appearing, by reason of their differing diffuse scattering characteristics, to have different intensities when the device is illuminated by a light source and viewed by an observer from any direction.

20. A device according to claim 19, wherein each grey scale region structure type has one or more graphic elements, line art or text images represented in microscopic size in its surface relief structure.

21. A device according to claim 20, wherein each microscopic region is of size 120 micron by 120 micron or less.

22. A device according to claim 20, wherein the same image is represented in each grey scale region structure type, but with differing diffuse scattering characteristics.

23. A device according to claim 20, wherein different graphic elements